OPEN FILE REPORT 79-108 UNITED STATES LYBROOK QUADRANGLE DEPARTMENT OF THE INTERIOR PLATE 10 OF 11 NEW MEXICO GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 107°30′ 107°37′30″ 32'30" R. 7 W. R. 6 W. EXPLANATION 36°15′ OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to the top of the Fruitland coal zone, which is coincident with the top of the Fruitland Formation. Isopach interval 400 feet (122 meters). Supplemental 1000-foot (305-meter) overburden isopach added. INTERBURDEN ISOFACES - Showing thickness of interburden, in feet, within the Fruitland coal zone. Isopach interval 50 feet (15.2 meters). 11 12 -2000,  $0^{1336}_{163}$ DRILL BOLE - Showing thickness of overburden, in feet, (upper number) from the surface to the top of the Fruitland coal zone and thickness of interburden, in feet, (lower number) within the Fruitland coal zone. Dash indicates unknown value. O.1883 To convert feet to meters multiply feet by 0.3048. O 1868 130 The Fruitland coal zone extends from the top of the Fruitland Fm to the hase of the lowermost coal which is designated, on CRO Plate 3, as a Fruitland zone coal bed. The Fruitland zone overburden is determined by subtracting the elevation of the top of the Fruitland Fm (CRO Plate 9) from the ground level elevation. The interburden is the total rock thickness from the top of the Fruitland Fm to the top of the lowermost coal which is designated as a Fruitland zone coal bed. 17 18 19 23 19 12'30" 12'30" 29 30 26 33 T. 23 N. T. 22 N. 19 R. 7 W. R. 6 W. SCALE 1:24 000 Base from U.S. Geological Survey, 1966 Compiled in 1979 1000 0 1000 2000 3000 4000 5000 6000 7000 FE 

COAL RESOURCE OCCURRENCE MAP OF THE LYBROOK QUADRANGLE, SANDOVAL, RIO ARRIBA, AND SAN JUAN COUNTIES, NEW MEXICO BY DAMES & MOORE

1979

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PLATE IO

ISOPACH MAP OF
OVERBURDEN AND INTERBURDEN
OF THE FRUITLAND COAL ZONE